

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

2960 Foster Creighton Drive

Nashville, TN 37204

Tel: (615)726-0177

TestAmerica Job ID: 490-53458-1

Client Project/Site: Everett Terminal - Outfall 01 A

For:

Exxon Global Remed. Grp

52 Beacham Street

Everett, Massachusetts 02149

Attn: Mallory Stanhope



Authorized for release by:

5/29/2014 4:32:01 PM

Jennifer Gambill, Project Manager I

(615)301-5044

[jennifer.gambill@testamericainc.com](mailto:jennifer.gambill@testamericainc.com)

Designee for

Gail Lage, Senior Project Manager

(615)301-5741

[gail.lage@testamericainc.com](mailto:gail.lage@testamericainc.com)

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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## Sample Summary

Client: Exxon Global Remed. Grp  
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-53458-1

| Lab Sample ID | Client Sample ID   | Matrix     | Collected      | Received       |
|---------------|--------------------|------------|----------------|----------------|
| 490-53458-1   | Outfall 01 A-TSS-1 | Wastewater | 05/17/14 07:00 | 05/20/14 08:30 |
| 490-53458-2   | Outfall 01 A-TSS-2 | Wastewater | 05/17/14 07:00 | 05/20/14 08:30 |
| 490-53458-4   | Outfall 01 A       | Wastewater | 05/17/14 07:00 | 05/20/14 08:30 |

## Case Narrative

Client: Exxon Global Remed. Grp  
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-53458-1

**Job ID: 490-53458-1**

**Laboratory: TestAmerica Nashville**

### Narrative

**Job Narrative**  
**490-53458-1**

### Comments

No additional comments.

### Receipt

The samples were received on 5/20/2014 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.3° C.

## Definitions/Glossary

Client: Exxon Global Remed. Grp  
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-53458-1

### Qualifiers

#### General Chemistry

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

### Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| α              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery                                                                                            |
| CNF            | Contains no Free Liquid                                                                                     |
| DER            | Duplicate error ratio (normalized absolute difference)                                                      |
| Dil Fac        | Dilution Factor                                                                                             |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision level concentration                                                                                |
| MDA            | Minimum detectable activity                                                                                 |
| EDL            | Estimated Detection Limit                                                                                   |
| MDC            | Minimum detectable concentration                                                                            |
| MDL            | Method Detection Limit                                                                                      |
| ML             | Minimum Level (Dioxin)                                                                                      |
| NC             | Not Calculated                                                                                              |
| ND             | Not detected at the reporting limit (or MDL or EDL if shown)                                                |
| PQL            | Practical Quantitation Limit                                                                                |
| QC             | Quality Control                                                                                             |
| RER            | Relative error ratio                                                                                        |
| RL             | Reporting Limit or Requested Limit (Radiochemistry)                                                         |
| RPD            | Relative Percent Difference, a measure of the relative difference between two points                        |
| TEF            | Toxicity Equivalent Factor (Dioxin)                                                                         |
| TEQ            | Toxicity Equivalent Quotient (Dioxin)                                                                       |

## Client Sample Results

Client: Exxon Global Remed. Grp  
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-53458-1

**Client Sample ID: Outfall 01 A-TSS-1**

**Date Collected: 05/17/14 07:00**

**Date Received: 05/20/14 08:30**

**Lab Sample ID: 490-53458-1**

**Matrix: Wastewater**

### General Chemistry

| Analyte                | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids | 127    |           | 2.00 | 1.40 | mg/L |   |          | 05/20/14 15:39 | 1       |

## Client Sample Results

Client: Exxon Global Remed. Grp  
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-53458-1

**Client Sample ID: Outfall 01 A-TSS-2**

**Lab Sample ID: 490-53458-2**

**Date Collected: 05/17/14 07:00**

**Matrix: Wastewater**

**Date Received: 05/20/14 08:30**

### General Chemistry

| Analyte                | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids | 49.2   |           | 2.00 | 1.40 | mg/L |   |          | 05/22/14 11:45 | 1       |

## Client Sample Results

Client: Exxon Global Remed. Grp  
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-53458-1

**Client Sample ID: Outfall 01 A**

**Date Collected: 05/17/14 07:00**

**Date Received: 05/20/14 08:30**

**Lab Sample ID: 490-53458-4**

**Matrix: Wastewater**

### General Chemistry

| Analyte            | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Oil & Grease (HEM) | 1.46   | J         | 4.00 | 1.40 | mg/L |   | 05/28/14 10:42 | 05/28/14 10:42 | 1       |



# QC Sample Results

Client: Exxon Global Remed. Grp  
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-53458-1

## Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 490-165235/1-A

Matrix: Water

Analysis Batch: 165280

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 165235

| Analyte            | MB<br>Result | MB<br>Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------|--------------|-----------------|------|------|------|---|----------------|----------------|---------|
| Oil & Grease (HEM) | <1.40        |                 | 4.00 | 1.40 | mg/L |   | 05/28/14 10:42 | 05/28/14 10:42 | 1       |

Lab Sample ID: LCS 490-165235/2-A

Matrix: Water

Analysis Batch: 165280

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 165235

| Analyte            | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec.<br>Limits |
|--------------------|----------------|---------------|------------------|------|---|------|-----------------|
| Oil & Grease (HEM) | 41.7           | 38.23         |                  | mg/L |   | 92   | 78 - 114        |

Lab Sample ID: LCSD 490-165235/3-A

Matrix: Water

Analysis Batch: 165280

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 165235

| Analyte            | Spike<br>Added | LCSD<br>Result | LCSD<br>Qualifier | Unit | D | %Rec | %Rec.<br>Limits | RPD | RPD<br>Limit |
|--------------------|----------------|----------------|-------------------|------|---|------|-----------------|-----|--------------|
| Oil & Grease (HEM) | 41.7           | 35.83          |                   | mg/L |   | 86   | 78 - 114        | 6   | 18           |

Lab Sample ID: 490-53332-F-1-A MS

Matrix: Water

Analysis Batch: 165280

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 165235

| Analyte            | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit | D | %Rec | %Rec.<br>Limits |
|--------------------|------------------|---------------------|----------------|--------------|-----------------|------|---|------|-----------------|
| Oil & Grease (HEM) | <1.43            |                     | 42.6           | 38.30        |                 | mg/L |   | 90   | 78 - 114        |

## Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 490-163757/1

Matrix: Water

Analysis Batch: 163757

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                | MB<br>Result | MB<br>Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|--------------|-----------------|------|-------|------|---|----------|----------------|---------|
| Total Suspended Solids | <0.700       |                 | 1.00 | 0.700 | mg/L |   |          | 05/20/14 15:39 | 1       |

Lab Sample ID: LCS 490-163757/2

Matrix: Water

Analysis Batch: 163757

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec.<br>Limits |
|------------------------|----------------|---------------|------------------|------|---|------|-----------------|
| Total Suspended Solids | 100            | 99.30         |                  | mg/L |   | 99   | 90 - 110        |

Lab Sample ID: 490-53295-A-1 DU

Matrix: Water

Analysis Batch: 163757

Client Sample ID: Duplicate

Prep Type: Total/NA

| Analyte                | Sample<br>Result | Sample<br>Qualifier | DU<br>Result | DU<br>Qualifier | Unit | D | RPD | RPD<br>Limit |
|------------------------|------------------|---------------------|--------------|-----------------|------|---|-----|--------------|
| Total Suspended Solids | 28.0             |                     | 26.80        |                 | mg/L |   | 4   | 20           |

TestAmerica Nashville

# QC Sample Results

Client: Exxon Global Remed. Grp  
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-53458-1

## Method: SM 2540D - Solids, Total Suspended (TSS) (Continued)

Lab Sample ID: 490-53305-B-1 DU

Matrix: Water

Analysis Batch: 163757

Client Sample ID: Duplicate

Prep Type: Total/NA

| Analyte                | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|------------------------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| Total Suspended Solids | 465           |                  | 498.0     |              | mg/L |   | 7   | 20        |

Lab Sample ID: MB 490-164285/1

Matrix: Water

Analysis Batch: 164285

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| Total Suspended Solids | <0.700    |              | 1.00 | 0.700 | mg/L |   |          | 05/22/14 11:45 | 1       |

Lab Sample ID: LCS 490-164285/2

Matrix: Water

Analysis Batch: 164285

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|------------------------|-------------|------------|---------------|------|---|------|--------------|
| Total Suspended Solids | 100         | 97.30      |               | mg/L |   | 97   | 90 - 110     |

Lab Sample ID: LCSD 490-164285/3

Matrix: Water

Analysis Batch: 164285

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|------------------------|-------------|-------------|----------------|------|---|------|--------------|-----|-----------|
| Total Suspended Solids | 100         | 96.90       |                | mg/L |   | 97   | 90 - 110     | 0   | 20        |

Lab Sample ID: 490-53535-P-2 DU

Matrix: Water

Analysis Batch: 164285

Client Sample ID: Duplicate

Prep Type: Total/NA

| Analyte                | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|------------------------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| Total Suspended Solids | 28.9          |                  | 34.00     |              | mg/L |   | 16  | 20        |

Lab Sample ID: 490-53547-Q-1 DU

Matrix: Water

Analysis Batch: 164285

Client Sample ID: Duplicate

Prep Type: Total/NA

| Analyte                | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|------------------------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| Total Suspended Solids | 569           |                  | 586.0     |              | mg/L |   | 3   | 20        |

TestAmerica Nashville

# QC Association Summary

Client: Exxon Global Remed. Grp  
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-53458-1

## General Chemistry

### Analysis Batch: 163757

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix     | Method   | Prep Batch |
|------------------|--------------------|-----------|------------|----------|------------|
| 490-53295-A-1 DU | Duplicate          | Total/NA  | Water      | SM 2540D |            |
| 490-53305-B-1 DU | Duplicate          | Total/NA  | Water      | SM 2540D |            |
| 490-53458-1      | Outfall 01 A-TSS-1 | Total/NA  | Wastewater | SM 2540D |            |
| LCS 490-163757/2 | Lab Control Sample | Total/NA  | Water      | SM 2540D |            |
| MB 490-163757/1  | Method Blank       | Total/NA  | Water      | SM 2540D |            |

### Analysis Batch: 164285

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix     | Method   | Prep Batch |
|-------------------|------------------------|-----------|------------|----------|------------|
| 490-53458-2       | Outfall 01 A-TSS-2     | Total/NA  | Wastewater | SM 2540D |            |
| 490-53535-P-2 DU  | Duplicate              | Total/NA  | Water      | SM 2540D |            |
| 490-53547-Q-1 DU  | Duplicate              | Total/NA  | Water      | SM 2540D |            |
| LCS 490-164285/2  | Lab Control Sample     | Total/NA  | Water      | SM 2540D |            |
| LCSD 490-164285/3 | Lab Control Sample Dup | Total/NA  | Water      | SM 2540D |            |
| MB 490-164285/1   | Method Blank           | Total/NA  | Water      | SM 2540D |            |

### Prep Batch: 165235

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix     | Method | Prep Batch |
|---------------------|------------------------|-----------|------------|--------|------------|
| 490-53332-F-1-A MS  | Matrix Spike           | Total/NA  | Water      | 1664A  |            |
| 490-53458-4         | Outfall 01 A           | Total/NA  | Wastewater | 1664A  |            |
| LCS 490-165235/2-A  | Lab Control Sample     | Total/NA  | Water      | 1664A  |            |
| LCSD 490-165235/3-A | Lab Control Sample Dup | Total/NA  | Water      | 1664A  |            |
| MB 490-165235/1-A   | Method Blank           | Total/NA  | Water      | 1664A  |            |

### Analysis Batch: 165280

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix     | Method | Prep Batch |
|---------------------|------------------------|-----------|------------|--------|------------|
| 490-53332-F-1-A MS  | Matrix Spike           | Total/NA  | Water      | 1664A  | 165235     |
| 490-53458-4         | Outfall 01 A           | Total/NA  | Wastewater | 1664A  | 165235     |
| LCS 490-165235/2-A  | Lab Control Sample     | Total/NA  | Water      | 1664A  | 165235     |
| LCSD 490-165235/3-A | Lab Control Sample Dup | Total/NA  | Water      | 1664A  | 165235     |
| MB 490-165235/1-A   | Method Blank           | Total/NA  | Water      | 1664A  | 165235     |

# Lab Chronicle

Client: Exxon Global Remed. Grp  
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-53458-1

## Client Sample ID: Outfall 01 A-TSS-1

Date Collected: 05/17/14 07:00

Date Received: 05/20/14 08:30

## Lab Sample ID: 490-53458-1

Matrix: Wastewater

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | SM 2540D     |     | 1          | 500 mL         | 1000 mL      | 163757       | 05/20/14 15:39       | CRM     | TAL NSH |

## Client Sample ID: Outfall 01 A-TSS-2

Date Collected: 05/17/14 07:00

Date Received: 05/20/14 08:30

## Lab Sample ID: 490-53458-2

Matrix: Wastewater

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | SM 2540D     |     | 1          | 500 mL         | 1000 mL      | 164285       | 05/22/14 11:45       | CRM     | TAL NSH |

## Client Sample ID: Outfall 01 A

Date Collected: 05/17/14 07:00

Date Received: 05/20/14 08:30

## Lab Sample ID: 490-53458-4

Matrix: Wastewater

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 1664A        |     | 1          | 960 mL         | 960 mL       | 165280       | 05/28/14 10:42       | BAD     | TAL NSH |
| Total/NA  | Prep       | 1664A        |     |            | 960 mL         | 960 mL       | 165235       | 05/28/14 10:42       | BAD     | TAL NSH |

### Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

## Method Summary

Client: Exxon Global Remed. Grp  
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-53458-1

| Method   | Method Description            | Protocol | Laboratory |
|----------|-------------------------------|----------|------------|
| 1664A    | HEM and SGT-HEM               | 1664A    | TAL NSH    |
| SM 2540D | Solids, Total Suspended (TSS) | SM       | TAL NSH    |

### Protocol References:

1664A = EPA-821-98-002

SM = "Standard Methods For The Examination Of Water And Wastewater",

### Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

# Certification Summary

Client: Exxon Global Remed. Grp  
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-53458-1

## Laboratory: TestAmerica Nashville

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

| Authority           | Program       | EPA Region | Certification ID | Expiration Date |
|---------------------|---------------|------------|------------------|-----------------|
| A2LA                | ISO/IEC 17025 |            | 0453.07          | 12-31-15        |
| Alaska (UST)        | State Program | 10         | UST-087          | 07-24-14        |
| Arizona             | State Program | 9          | AZ0473           | 05-05-15        |
| Arkansas DEQ        | State Program | 6          | 88-0737          | 04-25-15        |
| California          | NELAP         | 9          | 1168CA           | 10-31-14        |
| Connecticut         | State Program | 1          | PH-0220          | 12-31-15        |
| Florida             | NELAP         | 4          | E87358           | 06-30-14        |
| Illinois            | NELAP         | 5          | 200010           | 12-09-14        |
| Iowa                | State Program | 7          | 131              | 05-01-14 *      |
| Kansas              | NELAP         | 7          | E-10229          | 10-31-14        |
| Kentucky (UST)      | State Program | 4          | 19               | 06-30-14        |
| Louisiana           | NELAP         | 6          | 30613            | 06-30-14        |
| Maryland            | State Program | 3          | 316              | 03-31-15        |
| Massachusetts       | State Program | 1          | M-TN032          | 06-30-14        |
| Minnesota           | NELAP         | 5          | 047-999-345      | 12-31-14        |
| Mississippi         | State Program | 4          | N/A              | 06-30-14        |
| Montana (UST)       | State Program | 8          | NA               | 02-24-20        |
| Nevada              | State Program | 9          | TN00032          | 07-31-14        |
| New Hampshire       | NELAP         | 1          | 2963             | 10-09-14        |
| New Jersey          | NELAP         | 2          | TN965            | 06-30-14        |
| New York            | NELAP         | 2          | 11342            | 03-31-15        |
| North Carolina DENR | State Program | 4          | 387              | 12-31-14        |
| North Dakota        | State Program | 8          | R-146            | 06-30-14        |
| Ohio VAP            | State Program | 5          | CL0033           | 10-16-15        |
| Oklahoma            | State Program | 6          | 9412             | 08-31-14        |
| Oregon              | NELAP         | 10         | TN200001         | 04-29-15        |
| Pennsylvania        | NELAP         | 3          | 68-00585         | 06-30-14        |
| Rhode Island        | State Program | 1          | LAO00268         | 12-30-14        |
| South Carolina      | State Program | 4          | 84009 (002)      | 02-23-17        |
| Tennessee           | State Program | 4          | 2008             | 02-23-17        |
| Texas               | NELAP         | 6          | T104704077       | 08-31-14        |
| USDA                | Federal       |            | S-48469          | 10-30-16        |
| Utah                | NELAP         | 8          | TN00032          | 07-31-14        |
| Virginia            | NELAP         | 3          | 460152           | 06-14-14 *      |
| Washington          | State Program | 10         | C789             | 07-19-14        |
| West Virginia DEP   | State Program | 3          | 219              | 02-28-15        |
| Wisconsin           | State Program | 5          | 998020430        | 08-31-14        |
| Wyoming (UST)       | A2LA          | 8          | 453.07           | 12-31-15        |

\* Expired certification is currently pending renewal and is considered valid.

TestAmerica Nashville



COOLER RECEIPT FORM

Cooler Received/Opened On 5/20/2014 @ 0830

1. Tracking # 2357 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 17960357

2. Temperature of rep. sample or temp blank when opened: 1.3 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: \_\_\_\_\_

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) Ch

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # \_\_\_\_\_

I certify that I unloaded the cooler and answered questions 7-14 (initial) mdm

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) mdm

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) mdm

I certify that I attached a label with the unique LIMS number to each container (initial) mdm

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# \_\_\_\_\_

## ExxonMobil

---

| Laboratory Comments:                                                                                                                                           |         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| Temperature Upon Receipt                                                                                                                                       | 1.3 c   |
| Sample Containers Intact?                                                                                                                                      | Y N     |
| VOCs Free of Headspace?                                                                                                                                        | Y N     |
| QC Deliverables (please circle one)                                                                                                                            |         |
| Level 2                                                                                                                                                        | Level 3 |
| Level 4                                                                                                                                                        | Other   |
| It will be the responsibility of ExxonMobil or its consultant to notify the Testimonials Project Manager by phone or fax that a rush sample will be submitted. |         |
| TA Project Manager                                                                                                                                             | Date:   |
| Flow (MGD)                                                                                                                                                     | pH      |
| TIC                                                                                                                                                            |         |

Grab pit. 7.08; temp. 19.2°C.  
Rain. Day 7. 72 temp. 19.1°C.  
Prepared vsirena 01A



## Login Sample Receipt Checklist

Client: Exxon Global Remed. Grp

Job Number: 490-53458-1

**Login Number: 53458**

**List Source: TestAmerica Nashville**

**List Number: 1**

**Creator: McBride, Mike**

| Question                                                                         | Answer | Comment |
|----------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | True   |         |
| The cooler's custody seal, if present, is intact.                                | N/A    |         |
| Sample custody seals, if present, are intact.                                    | N/A    |         |
| The cooler or samples do not appear to have been compromised or tampered with.   | True   |         |
| Samples were received on ice.                                                    | True   |         |
| Cooler Temperature is acceptable.                                                | True   |         |
| Cooler Temperature is recorded.                                                  | True   | 1.3     |
| COC is present.                                                                  | True   |         |
| COC is filled out in ink and legible.                                            | True   |         |
| COC is filled out with all pertinent information.                                | True   |         |
| Is the Field Sampler's name present on COC?                                      | True   |         |
| There are no discrepancies between the containers received and the COC.          | True   |         |
| Samples are received within Holding Time.                                        | True   |         |
| Sample containers have legible labels.                                           | True   |         |
| Containers are not broken or leaking.                                            | True   |         |
| Sample collection date/times are provided.                                       | True   |         |
| Appropriate sample containers are used.                                          | True   |         |
| Sample bottles are completely filled.                                            | True   |         |
| Sample Preservation Verified.                                                    | N/A    |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True   |         |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").  | True   |         |
| Multiphasic samples are not present.                                             | True   |         |
| Samples do not require splitting or compositing.                                 | True   |         |
| Residual Chlorine Checked.                                                       | N/A    |         |